

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-B355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM - 7765
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME None
2. NAME OF OPERATOR Lewis Energy Corporation		7. UNIT AGREEMENT NAME None
3. ADDRESS OF OPERATOR 232 N. Schwartz, Farmington, NM. 87401		8. FARM OR LEASE NAME Lewis 4-20-2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 860' FSL 1650' FWL Sec. 4 - T20N - R2W At top prod. interval reported below Same At total depth Same		9. WELL NO. 1
14. PERMIT NO. FARMING DATE ISSUED 12/29/81		10. FIELD AND POOL, OR WILDCAT Undesignated Gallup
		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 4 - T20N - R2W
		12. COUNTY OR PARISH Sandoval
		13. STATE New Mexico

15. DATE SPUDDED 12/31/81	16. DATE T.D. REACHED 1/15/82	17. DATE COMPL. (Ready to prod.) 1/20/82	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6868 GR	19. ELEV. CASINGHEAD 6869'
20. TOTAL DEPTH, MD & TVD 4300'	21. PLUG, BACK T.D., MD & TVD 4300'	22. IF MULTIPLE COMPL., HOW MANY? N/A	23. INTERVALS DRILLED BY → 10-4300	CABLE TOOLS -0-
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3494' - 4300' Open hole Mancos Shale				25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN Ind - GR, DBC, CDL - CNL, BCS				27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	832	12-1/4	560 sx class "b"	-0-
5-1/2	14#	3494	7-7/8	100 sx class "b"	-0-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8	3441	None

31. PERFORATION RECORD (Interval, size and number) 3494' - 4300' Open hole	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	3494-4300	2796 bbls. KCL + 1,300,000 SCF CO ₂ , 144,000# 20-40 Sd.
		18,000# 10-20 Sd.

33. PRODUCTION							
DATE FIRST PRODUCTION 1/20/82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing & Swabbing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1/23/82	HOURS TESTED 8	CHOKE SIZE None	PROD'N. FOR TEST PERIOD →	OIL—BBL. 40	GAS—MCF. 60	WATER—BBL. 60	GAS-OIL RATIO N/A
FLOW, TUBING PRESS. 50-75#	CASING PRESSURE 125	CALCULATED 24-HOUR RATE →	OIL—BBL. 120	GAS—MCF. 180	WATER—BBL. 180	OIL GRAVITY-API (CORR.) 38.9	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented Note: Water recovered is frac water - Part of gas produced is CO ₂ from frac.	TEST WITNESSED BY Zach Lewis
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35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED Zachary C. Lewis TITLE Operations Manager DATE 1/25/82

*(See Instructions and Spaces for Additional Data on Reverse Side)

FARMINGTON DISTRICT

BY SN

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Mancos Shale	3050	4100	Had sample shows in "A" & "B" zones. Fractured well with cross link gel & CO ₂ . Recovered 40% oil with 1/2 of frac load recovered.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP
Ojo Alamo	247	
Fruitland	397	
P.C.	497	
Lewis Shale	697	
Cliff House	2097	
Menefee	2147	
Point Lookout	2797	
Mancos	3050	
"A" Zone	3708	
"B" Zone	3880	
"C" Zone	4052	

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WELL COMPLETION REPORT

UNITED STATES

LOG #